ENTERPRISE NETWORK VIDEO RECORDERS

Preinstalled VMS with IDIS Workstation

IR-310D | NDAA Compliant | IDIS SOLUTION SUITE®

The IDIS Enterprise NVR, IR-310D, allows users to establish a reliable, high performance surveillance system in minutes while providing exceptional manageability. The IR-310D operating system (OS), powered by SSD and IDIS Solution Suite VMS, is perfect for large-scale systems and ensures important data retention through RAID and Redundant Power. IR-310D is ideal for building a powerful and economical surveillance system to meet enterprise level needs.

- Pre-installed with IDIS Solution Suite VMS
- Tested and validated with IDIS Solution Suite up to 64 Full HD H.264/265 IP cameras
- Storage configuration: 8 SATA + 3 eSATA Ports
- Supports up to 64 Full HD cameras in real-time for enterprise-level surveillance systems
- 400Mbps maximum recording bandwidth per server
- Complete compatibility with IDIS components: IP cameras, analog DVR, DirectCX TVR, DirectIP NVR, and encoders
- 2U rack mount chassis
- Supports H.264, H.265 compression, and Intelligent Codec
- Supports Onvif Profile S, Axis, Panasonic, etc.

SPECIFICATIONS

		IR-310D
SYSTEM	IDIS Solution Suite	Compatible with Expert and Federation
		Version 2.8.2 or Higher
	Network Connection	2 GbE RJ-45 Ports (1000Base-T)
	Recording Data Rate	Up to 400Mbps
	Number of Cameras	64Ch Recommanded
	Hard Disk Drive Configuration	8 SATA + 3 eSATA RAID 1, 5, 10 Supported
	SSD	240G SSD for Operating System (M.2 type)
	Operating System	Microsoft® Windows 10 Iot Enterprise
	Processor	Intel® I5-10500, 3.1GHz
	Memory	DDR4 PC-21300, 16GB
	Video Outputs	2 HDMI
	USB	6 (2 Front USB 2.0 + 4 Back (3 USB 3.0 TYPE-A + 1 TYPE-C)
	RS-232	-
	Optical Drive	-
MECHANICAL	Form Factor	2U RACK Mount Chassis
	Dimensions (W x D x H)	482.6mm x 88mm x 523.5mm (19" x 3.5" x 20.6")
	Weight	12.6kg (27.8 lbs)
ELECTRICAL	Power Input	100-240V~, 50/60 Hz, 8.0 - 4.0A (Redundant)
	Power Supply	Dual Power (REDUNDANT SMPS)
	Power Consumption	120w x 2
ENVIRONMENTAL	Operating Temperature	0°C to 40°C (32°F to 104°F)
	Operating Humidity	0% to 90%
ACCESSORIES SUPPLIED	Power Cord	2
GENERAL	Approvals	FCC, CE, CB, UL, PSE, KC

DIMENSIONS